

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES  
OF THE

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REMONUMENTATION

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OF

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THE 1/4 SECTION CORNER

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OF SECTION 6 ONLY,

---

ON THE NORTH BOUNDARY,

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TOWNSHIP 25 NORTH, RANGE 30 EAST,

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Of the Gila and Salt River Meridian,  
In the State of Arizona

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EXECUTED BY

William F. Olver, Cadastral Surveyor

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Under Special Instructions dated and approved July 31, 1997, which provided for the surveys included under Group Number 814 and assignment instructions dated July 31, 1997.

Survey Commenced July 6, 1998

Survey Completed July 9, 1998

## INDEX DIAGRAM

TOWNSHIP 25 NORTH, RANGE 30 EAST,

GILA AND SALT RIVER MERIDIAN, ARIZONA

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## T. 25 N., R. 30 E., Gila and Salt River Meridian, Arizona

## CHAINS

The following field notes are those of the remonumentation of the 1/4 section corner of section 6 only, on the north boundary, Township 25 North, Range 30 East, Gila and Salt River Meridian, Arizona.

The north boundary of the township was originally surveyed by James L. Lamport in 1900, resurveyed by Sidney E. Blout in 1927, and resurveyed by Kevin R. DeRossett and Richard S. Kaiser in 1984-85. The 1/4 sec. cor. of sec. 6 only, on the N. bdy. of the Tp., was remonumented by Kevin R. DeRossett in 1986.

The request for this survey work was made by the Navajo Tribal Utility Authority, Ft. Defiance, Arizona, by letter dated June 4, 1997. The original bearing trees at the 1/4 sec. cor. of sec. 6 only, on the N. bdy. of the Tp., were identified by Ed Sam of the Navajo Nation Forestry Department as danger trees subject to topping, trimming or complete removal. This identification was outlined in his letter to the Navajo Tribal Utility Authority dated May 6, 1997. The classification as danger trees was due to the construction of an electric transmission line.

The work was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and the Special Instructions approved July 31, 1997, for Group No. 814, Arizona.

The directions of all lines were determined by the technique of differential positioning using the Trimble Navigation 4400 series Global Positioning System receivers with Fast Static and Real-Time Kinematic techniques. Distances and angles were measured with a Topcon GTS3B total station instrument.

The mean magnetic declination is 12° E.

Remonumentation of the 1/4 Section Corner of Section 6 Only,  
on the North Boundary,  
T. 25 N., R. 30 E., Gila and Salt River Meridian, Arizona

## CHAINS

Remonumentation executed by  
Kevin R. DeRossett in 1986

The 1/4 sec. cor. of sec. 6 only, on the N. bdy. of the Tp.,  
monumented with a stainless steel post, 2 1/2 ins. diam., firmly  
set, projecting 5 ins. above ground, in a scattered collar of  
stone, with brass cap mkd.

T26N R30E

1/4 S 6  
T25N R30E  
1986

from which the original bearing trees

A ponderosa pine, 29 ins. diam., bears S. 19° E., 54 lks.  
dist., with healed blaze.

A forked ponderosa pine, 36 ins. diam. at base, bears  
S. 82 1/2° W., 84 lks. dist., with healed blaze.

and new accessories

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set  
26 ins. in the ground, for a reference monument, bears  
S. 45°00' E., 280.0 ft. dist., with brass cap mkd. T25N  
R30E 1/4 S6 RM 280.0 FT TO COR 1998 and an arrow pointing  
to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins.  
white plastic case beneath the stainless steel post. Set  
a steel fence post nearby.

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set  
26 ins. in the ground, for a reference monument, bears  
S. 45°00' W., 270.0 ft. dist., with brass cap mkd. T25N  
R30E 1/4 S6 RM 270.0 FT TO COR 1998 and an arrow pointing  
to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins.  
white plastic case beneath the stainless steel post. Set  
a steel fence post nearby.

Add the marks 1998 to the brass cap at the 1/4 sec. cor. and set  
a steel fence post nearby.

Cor. is located on N. edge of a trail road, bears ESE and WNW;  
85 lks. S. of wood pole high voltage transmission line, bears E.  
and W.; and 80 lks. N. of northernmost of several El Paso Natural  
Gas underground pipelines, bears E. and W.

T. 25 N., R. 30 E., Gila and Salt River Meridian, Arizona

CHAINS	<div data-bbox="771 275 1086 304" style="text-align: center;">GENERAL DESCRIPTION</div> <hr/> <p data-bbox="412 369 1435 495">The area surveyed is inside the Navajo Indian Reservation, approximately 8 miles southwest of the community of Window Rock, Arizona. The elevation is approximately 7,600 feet above sea level.</p> <p data-bbox="412 531 954 560">Access is provided by trail roads.</p> <p data-bbox="412 596 1451 688">The soil is primarily rocky clay. Timber consists of piñon, juniper, and ponderosa pine with undergrowth of Gambel's oak, and various types of brush and native grasses.</p> <p data-bbox="412 724 1403 850">The mean magnetic declination of 12° E. was derived from the United States Geological Survey computer program GEOMAGIX utilizing the Regional Magnetic Field Model for Epoch 1995 for the dates of survey.</p> <hr/>
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## FIELD ASSISTANTS

[illegible]

## CERTIFICATE OF SURVEY

I, William F. Olver, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 31st day of July, 1997, I have remonumented the 1/4 section corner of section 6 only, on the north boundary, Township 25 North, Range 30 East, of the Gila and Salt River Meridian, in the state of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said Special Instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and in specific manner described in the foregoing field notes.

August 5, 1998  
(Date)

William F. Olver  
(Cadastral Surveyor)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Arizona State Office  
Phoenix, Arizona

The foregoing field notes of the remonumentation of the 1/4 section corner of section 6 only, on the north boundary, Township 25 North, Range 30 East, Gila and Salt River Meridian, Arizona, executed by William F. Olver, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

August 10, 1998  
(Date)

James R. M. Key  
(Acting Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described survey in T. 25 N., R. 30 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~

~~(Acting Chief Cadastral Surveyor of Arizona)~~